

FORM PTO-1390 (REV 01-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>MTS-3493US</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/501748</b> To Be Assigned	
INTERNATIONAL APPLICATION NO. <b>PCT/JP03/03782</b>		INTERNATIONAL FILING DATE <b>27.03.03 (27 March 2003)</b>		PRIORITY DATE CLAIMED <b>28.03.02 (28 March 2002)</b>	
TITLE OF INVENTION <b>REFRIGERATING CYCLE DEVICE</b>					
APPLICANT(S) FOR DO/EO/US <b>Yuuichi YAKUMARU, Masami FUNAKURA, Fumitoshi NISHIWAKI and Noriho OKAZA</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An <input checked="" type="checkbox"/> executed/ <input type="checkbox"/> unexecuted oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <b>Items 11 to 20 below concern documents(s) or information included:</b> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 U.S.C. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <b>CERTIFICATE OF EXPRESS MAIL and AMENDMENTS UNDER ARTICLE 34 (JAPANESE AND ENGLISH)</b>					

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>To Be Assigned</b> <b>20/501748</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP03/03782</b>		ATTORNEY DOCKET NUMBER <b>MTS-3493US</b>	
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO <span style="float: right;"><b>\$1080.00</b></span>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO <span style="float: right;"><b>\$920.00</b></span>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO <span style="float: right;"><b>\$770.00</b></span>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1)-(4) <span style="float: right;"><b>\$730.00</b></span>  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33 (1)-(4) <span style="float: right;"><b>\$100.00</b></span>				<b>CALCULATIONS</b> PTO USE ONLY          	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$ 920.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	EXTRA NUMBER	RATE		
Total claims	15- 20 =	0	X \$18.00		
Independent claims	4 - 3 =	1	X \$86.00	<b>\$ 86.00</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1,006.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$ 1,006.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 1,006.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 1,046.00</b>	
				<b>Amount to be refunded:</b>	\$
				<b>Charged:</b>	\$
a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1,046.00</b> to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>18-0350</b> . A duplicate copy of this sheet is enclosed.  d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive          (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
<b>23122</b> (Insert Customer No. or Attach bar code label here)		<input checked="" type="checkbox"/> Customer Number or Bar Code Label		or <input type="checkbox"/> Correspondence address below	
<b>SEND ALL CORRESPONDENCE TO:</b>  <b>Allan Ratner</b> <b>RatnerPrestia</b> <b>P.O. Box 980</b> <b>Valley Forge, PA 19482</b> <b>(610) 407-0700</b>			<div style="text-align: center; font-family: cursive; font-size: 1.2em;">Daniel N. Calder</div> <hr/> <b>Signature</b>  <b>Daniel N. Calder</b> <b>Name</b>  <b>27,424</b> <b>Registration Number</b>  <b>June 30, 2004</b> <b>Date</b>		

10/501748

DT15 Rec'd PCT/PTO 30 JUN 2004

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)****Docket No.**

Applicant: Yuuichi YAKUMARU et al.

MTS-3493US

**Application No.**

To Be Assigned

**Filing Date**

Herewith

**Examiner**

To Be Assigned

**Group Art Unit**

To Be Assigned

**Invention:****REFRIGERATING CYCLE DEVICE**

I hereby certify that the following correspondence:

**PCT National Stage Application with PTO-1390 and its enclosures***(Identify type of correspondence)*

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

**Mail Stop PCT**, Commissioner for Patents, Alexandria, VA 22313-1450 on: **June 30, 2004****KATHLEEN LIBBY***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 418 252 734 US***(“Express Mail” Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**